

## INDUCTION OF IMMUNOLOGICAL TOLERANCE

### Abstract of the Invention

A method of creating tolerance to transplanted cells, tissue, or organs without the need for continuous immunosuppression. A tolerizing dose of a cell or tissue within a membrane structure is implanted into a patient. Once the patient becomes tolerant to the cell or tissue, a tissue or organ is implanted which will no longer be recognized as foreign matter. The method makes animal organs practical for human use, prevents autoimmune destruction as well as immune rejection. It has applications in treatment and prevention of many mammalian diseases.